



# PUBLIC NOTICE

**Federal Communications Commission**  
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Washington, D.C. 20554

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**Office of Engineering and Technology and Common Carrier Bureau  
Announce the Designation of Telecommunication Certification Bodies  
(TCBs) to Approve Radiofrequency and Telephone Terminal Equipment**

In December 1998, the Commission adopted new rules to streamline its equipment authorization requirements by allowing Telecommunication Certification Bodies (TCBs) to certify equipment under Parts 2 and 68 of the Commission's Rules. The Office of Engineering and Technology and the Common Carrier Bureau are pleased to announce the designation of 13 TCBs in the United States. The TCBs have been accredited by the American National Standards Institute (ANSI) to approve certain types of radiofrequency devices requiring certification under Part 2 of the rules, and/or telephone terminal equipment requiring certification (previously called registration) under Part 68 of the rules. The TCBs may begin operation of certifying products within the scope of their accreditation and designation as of June 5, 2000.

The following is a list of the 13 TCBs and the types of equipment they have been accredited and designated to approve. An explanation of the scope codes is given below.

<b>TCB Name and Address</b>	<b>Types of Equipment</b>
<b>American TCB, Inc.</b> 6731 Whittier Avenue Suite C110 McLean, VA 22101 Tel: 703-689-0368 Fax: 703-689-2056 Contact: Mr. Desmond Fraser - <a href="mailto:desmond@rheintech.com">desmond@rheintech.com</a>	Unlicensed Radio Frequency Devices A1, A2, A3, A4 Licensed Radio Service Equipment B1, B2, B3, B4
<b>BABT Product Service, Inc.</b> 4855 Patrick Henry Dr, Bldg. 6 Santa Clara, CA 95054 Tel: 978-663-1500 Fax: 978-663-1501 Contact: Mr. Bill Toth - <a href="mailto:btoth@tuvam.com">btoth@tuvam.com</a>	Unlicensed Radio Frequency Devices A1, A2, A3, A4 Licensed Radio Service Equipment B1, B2, B3, B4 Telephone Terminal Equipment

**CKC Certification Services**

5473A Clouds Rest  
Mariposa, CA 95338  
Tel: 209-966-5240  
Fax: 209-742-6133  
Contact: Dennis Ward – [dennisw@ckc.org](mailto:dennisw@ckc.org)

Unlicensed Radio Frequency Devices  
A1, A2, A3, A4  
Licensed Radio Service Equipment  
B1, B2, B3, B4  
Telephone Terminal Equipment

**Compliance Certification Services**

1366 Bordeaux Drive,  
Sunnyvale, CA 94089-1005  
Tel: 408-752-8166  
Fax: 408-752-8168  
Contact: Mr. Steve Hsu – [www.ccsemc.com](http://www.ccsemc.com)

Unlicensed Radio Frequency Devices  
A1, A2, A3, A4  
Licensed Radio Service Equipment  
B1, B2, B3, B4

**Communication Certification Laboratory**

1940 W. Alexander St.  
Salt Lake City, UT 84119-2039  
Tel: 801-972-6146  
Fax: 801-972-8432  
Contact: Mr. William S. Hurst – [wsh@cclab.com](mailto:wsh@cclab.com)

Unlicensed Radio Frequency Devices  
A1, A2, A3, A4  
Licensed Radio Service Equipment  
B1, B2, B3, B4  
Telephone Terminal Equipment

**Curtis-Straus LLC**

527 Great Road  
Littleton, MA 01460  
Tel: 978-486-8880  
Fax: 978-486-3529  
Contact: Jon Curtis – [jdc@curtis-straus.com](mailto:jdc@curtis-straus.com)

Unlicensed Radio Frequency Devices  
A1, A2, A3, A4  
Licensed Radio Service Equipment  
B1, B2, B3, B4  
Telephone Terminal Equipment

**Elite Electronic Engineering, Inc.**

1516 Centre Circle  
Downers Grove, IL 60515  
Tel: 603-495-9770  
Fax: 603-495-9785  
Contact: Mr. Steve Laya - [www.elitetest.com](http://www.elitetest.com)

Unlicensed Radio Frequency Devices  
A1, A2  
Licensed Radio Service Equipment  
B1, B2  
Telephone Terminal Equipment

**Intertek Testing Services**

33933 US Route 11  
Cortland, NY 13045  
Tel: 607-753-6711  
Fax: 607-756-6699  
Contact: Paul Moliski – [pmoliski@itsqs.com](mailto:pmoliski@itsqs.com)

Unlicensed Radio Frequency Devices  
A1, A2, A3, A4  
Licensed Radio Service Equipment  
B1, B2, B3, B4  
Telephone Terminal Equipment

**MET Laboratories, Inc.**

914 W. Patapsco Ave.  
Baltimore, MD 21230-3432  
Tel: 410-354-3300  
Fax: 410-354-3313  
Contact: Mr. Leonard Frier - [www.metlabs.com](http://www.metlabs.com)

Unlicensed Radio Frequency Devices  
A1, A2  
Licensed Radio Service Equipment  
B1, B2, B3, B4  
Telephone Terminal Equipment

**PCTEST Engineering Laboratory, Inc.**

6660-B Dobbin Road  
Columbia, MD 21045  
Tel: 410-290-6652  
Fax: 410-290-6654  
Contact: Mr. Randy Ortanez – [randy@pctestlab.com](mailto:randy@pctestlab.com)

Unlicensed Radio Frequency Devices  
A1, A2, A3, A4  
Licensed Radio Service Equipment  
B1, B2, B3, B4  
Telephone Terminal Equipment

**Timco Engineering, Inc.**

849 NW State Road 45  
P.O. Box 370  
Newberry, FL 32669  
Tel: 352-472-5500  
Fax: 352-472-2030  
Contact: Sid Sanders – [sid@timcoengr.com](mailto:sid@timcoengr.com)

Unlicensed Radio Frequency Devices  
A1, A2, A3, A4  
Licensed Radio Service Equipment  
B1, B2, B3, B4

**TUV Rheinland of North America, Inc.**

Product Safety Division  
12 Commerce Road  
Newtown, CT 06470  
Tel: 203-426-0888  
Fax: 203-270-8883  
Contact: Mr. Timothy Dwyer - [www.tuv.com](http://www.tuv.com)

Telephone Terminal Equipment

**Underwriters Laboratories, Inc.**

333 Pfingsten Road  
Northbrooke, IL 60062  
Telephone: 847-272-8800  
Fax: 847-509-6214  
Contact: Rick Titus – [titusr@ul.com](mailto:titusr@ul.com)

(Headquarters and contact point)

**Underwriters Laboratories, Inc.**

1285 Walt Whitman Road  
Melville, NY

Unlicensed Radio Frequency Devices  
A1, A2, A3, A4  
Licensed Radio Service Equipment  
B1, B2, B3, B4  
Telephone Terminal Equipment

**Underwriters Laboratories, Inc.**  
1655 Scott Blvd.  
Santa Clara, CA

Unlicensed Radio Frequency Devices  
A1, A2, A3, A4  
Telephone Terminal Equipment

The TCB program gives manufacturers of products subject to certification the choice to choose a designated TCB or the FCC to have its equipment approved for marketing in the United States. Currently, about 6000 applications for certification are filed annually with the FCC.

The requirements for TCBs were specified in the Commission's Report and Order (R&O) in GEN Docket 98-68 (FCC 98-338), adopted on December 17, 1998, <[www.fcc.gov/oet/dockets/gen98-68/](http://www.fcc.gov/oet/dockets/gen98-68/)>. TCBs are required to be accredited by the National Institute of Standards and Technology (NIST), or NIST may allow, in accordance with its procedures, other appropriate qualified accrediting bodies to accredit TCBs. NIST has elected to recognize accreditations of TCBs performed by ANSI.

Additional information about the new TCB program was provided in a Public Notice dated August 17, 1999, DA99-1640, <[www.fcc.gov/Bureaus/Engineering\\_Technology/Public\\_Notices/1999/da99-1640.html](http://www.fcc.gov/Bureaus/Engineering_Technology/Public_Notices/1999/da99-1640.html)>. NIST is also releasing a Public Notice announcing the recognition of ANSI as an accreditor of TCBs and the recommendation of 13 TCBs to the FCC.

Designation and accreditation is available for several different scopes of equipment subject to certification. TCBs are able to choose accreditation for any or all of the nine available scopes, depending on their needs. Each of the thirteen TCBs identified above have been accredited to one or more of the following scopes:

**A. Unlicensed Radio Frequency Devices**

**A1** Low power transmitters operating on frequencies below 1 GHz (with the exception of spread spectrum devices), emergency alert systems, unintentional radiators (e.g., personal computers and associated peripherals and TV Interface Devices) and consumer ISM devices subject to certification (e.g., microwave ovens, RF lighting and other consumer ISM devices)

**A2** Low power transmitters operating on frequencies above 1 GHz, with the exception of spread spectrum devices

**A3** Unlicensed Personal Communication System (PCS) devices

**A4** Unlicensed National Information Infrastructure (UNII) devices and low power transmitters using spread spectrum techniques

**B. Licensed Radio Service Equipment**

**B1** Personal Mobile Radio Services in 47 CFR Parts 22 (cellular), 24, 25, 26, and 27

**B2** General Mobile Radio Services in the following 47 CFR Parts 22 (non-cellular), 74, 90, 95 and 97

**B3** Maritime and Aviation Radio Services in 47 CFR Parts 80 and 87

**B4** Microwave Radio Services in 47 CFR Parts 21, 74 and 101

### **C. Telephone Terminal Equipment (47 CFR Part 68)**

Designation letters will be sent to each of the thirteen TCBs today. The Office of Engineering and Technology will send a designation letter to each TCB that will be certifying equipment subject to scopes A and B. Each letter will give guidance on the certification of such equipment. In accordance with our policy stated in the August 17, 1999, Public Notice, we are restricting TCBs from approving equipment in scopes A and B for which there is no documented test procedure. At present, only certain transmitters fall within this category. A table delineating which transmitters a TCB can approve will accompany the letter to each TCB. Steps are being taken to eliminate this restriction.

For approval of equipment subject to scope C, TCBs are asked to contact Mr. Bill Howden of the Common Carrier Bureau. In letters from the Network Services Division of the Common Carrier Bureau, TCBs designated to approve Telephone Terminal Equipment will receive initial blocks of registration serial numbers for their use, instructions for obtaining applicant codes, and advice on obtaining information from the Network Services Division.

For further information about this notice, please contact Hugh L. Van Tuyl of the Office of Engineering and Technology at: (202) 418-7506, email: [hvantuyl@fcc.gov](mailto:hvantuyl@fcc.gov), or Bill Howden of the Common Carrier Bureau at (202) 418-2343, email: [whowden@fcc.gov](mailto:whowden@fcc.gov), TTY: (202) 418-0484.